



1999 Toxics Release Inventory

VERMONT

Reported Releases and Waste Management Activities (in pounds)

	Original Industries	New Industries	Total
On-site Releases	405,933	0	405,933
Air Emissions	150,666	0	150,666
Surface Water Discharges	179,767	0	179,767
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	74,490	0	74,490
Other On-site Land Releases	1,010	0	1,010
Off-site Releases (Transfers Off-site to Disposal)*	240,847	0	240,847
Total On- and Off-site Releases	646,780	0	646,780
Recycled On-site	145,062	0	145,062
Recycled Off-site	1,390,069	0	1,390,069
Energy Recovery On-site	0	0	0
Energy Recovery Off-site	9,317	0	9,317
Treated On-site	1,378,272	0	1,378,272
Treated Off-site**	382,312	0	382,312
Quantity Released On- and Off-site***	444,303	0	444,303
Total Production-related Waste Managed	3,749,335	0	3,749,335
Total Non-production-related Waste Managed	3,512		3,512

Transfers Off-site for Further Waste Management/Disposal

Recycling	1,305,303	0	1,305,303
Energy Recovery	9,317	0	9,317
Treatment	87,610	0	87,610
Publicly Owned Treatment Works (POTWs)	219,850	0	219,850
Metals and Metal Compounds*	531	0	531
Non-metal TRI Chemicals**	219,319	0	219,319
Other Off-site Transfers****	0	0	0
Off-site Transfers to Disposal (not including metals to POTWs)	241,426	0	241,426
Total Transfers Off-site for Further Waste Management/Disposal	1,863,506	0	1,863,506

* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

****Transfers reported without a valid waste management code.

For More Information . . .

State Contact:

Paul Van Hollebeke
(802) 241-3629
Fax: (802) 241-3273
E-mail: paulv@dec.anr.state.vt.us

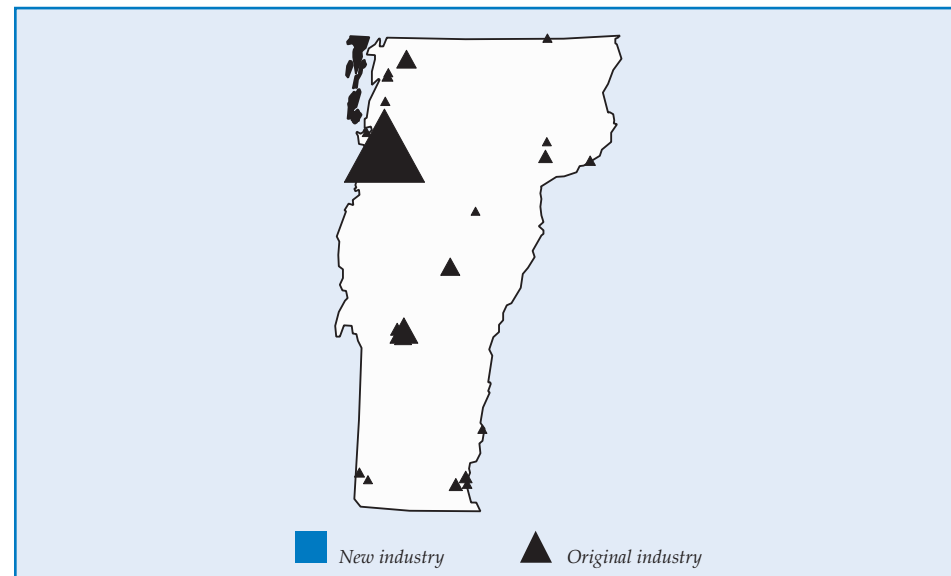
EPA Regional Contact:

Dwight Peavey
(617) 918-1829
Fax: (617) 918-1810

E-mail: peavey.dwight@epa.gov

To obtain TRI data use
assistance, call TRI User
Support Service (TRI-US):
(202) 260-1531

Fax: (202) 401-2347



The largest marker in the state map represents the largest facility for on-site releases in the state of Vermont. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	593,740
Square Miles	9,249
Total Facilities	37
Total Forms	79
Form As	11

	Original Industries	New Industries	Total
National Rank for Total On- and Off-site Releases*			
Rank	51	--	52
Pounds	646,780	0	646,780
National Rank for Total On-site Releases**			
Rank	51	--	53
Pounds	405,933	0	405,933
National Rank for Total Releases within State***			
Rank	51	--	52
Pounds	522,592	0	522,592
National Rank for Production-related Waste Managed			
Rank	52	--	52
Pounds	3,749,335	0	3,749,335

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



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On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Original Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
--	Nitrate compounds	0	170,664	0	13,160	102,862	286,686	0	65,702	37,160
7439-92-1	Lead	5	11	0	29,770	46,905	76,691	0	250	46,655
7664-41-7	Ammonia	47,708	5,216	0	0	0	52,924	1,600	0	0
--	Zinc compounds	8	0	0	750	40,154	40,912	1,247	750	39,404
7440-02-0	Nickel	10	0	0	14,870	14,885	29,765	0	10	14,875
108-88-3	Toluene	23,695	0	0	0	0	23,695	25,579	0	0
78-93-3	Methyl ethyl ketone	21,163	0	0	0	610	21,773	3,517	0	610
7440-47-3	Chromium	0	0	0	8,140	8,390	16,530	0	260	8,130
--	Manganese compounds	456	3,696	0	0	9,866	14,018	0	0	9,866
100-42-5	Styrene	13,167	0	0	0	0	13,167	0	0	0

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Seven New Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.



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On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Original Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	<u>Underground Injection</u>					<u>On-site Releases to Land</u>		Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
IBM Corp., Essex Junction, Chittenden	24,510	175,291	0	0	0	0	199,801	0	16,645
GE Co., Rutland, Rutland	10	0	0	0	52,990	0	53,000	260	53,235
Rock-Tenn Co., Sheldon Springs, Franklin	29,708	116	0	0	0	0	29,824	0	0
Ethan Allen Inc. Randolph Div., Randolph, Orange	28,496	0	0	0	0	0	28,496	0	970
GE Co., North Clarendon, Rutland	1,260	0	0	0	21,500	0	22,760	10	18,195
EHV-Weidmann Inds. Inc., Saint Johnsbury, Caledonia	13,167	0	0	0	0	0	13,167	0	0
G.S. Precision Inc., Brattleboro, Windham	12,124	0	0	0	0	0	12,124	0	0
Rutland Plywood Corp., Rutland, Rutland	11,808	0	0	0	0	0	11,808	0	0
C. E. Bradley Labs. Inc., North Brattleboro, Windham	10,836	0	0	0	0	0	10,836	0	0
Mylan Techs. Inc., Saint Albans, Franklin	5,508	0	0	0	0	0	5,508	0	0

*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Seven New Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	<u>Underground Injection</u>					<u>On-site Releases to Land</u>		Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			

*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Original Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
IBM Corp., Essex Junction, Chittenden	0	311,300	0	0	704,200	630	213,265	1,229,395	3,500
Fulflex of Vermont Inc., Brattleboro, Windham	0	0	0	0	0	0	39,404	39,404	0
Rock-Tenn Co., Sheldon Springs, Franklin	0	0	0	0	0	0	29,824	29,824	0
Ethan Allen Inc. Randolph Div., Randolph, Orange	0	0	0	0	0	970	28,496	29,466	0
Cabot Creamery Co-Op. Inc., Cabot, Washington	0	0	0	0	0	0	24,000	24,000	0
GE Co., North Clarendon, Rutland	0	77,220	0	0	64,610	36,710	17,143	195,683	0
Simpson Paper Co., Gilman, Essex	0	0	0	0	0	0	14,018	14,018	0
EHV-Weidmann Inds. Inc., Saint Johnsbury, Caledonia	0	0	0	0	0	0	13,167	13,167	0
G.S. Precision Inc., Brattleboro, Windham	0	0	0	0	0	16,378	12,123	28,501	0
Rutland Plywood Corp., Rutland, Rutland	1,286	0	0	0	0	0	11,683	12,969	0

*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Seven New Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds

*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.